Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 13 Jul 2023 until 23:59 on Friday 14 Jul 2023

Forecast Issued on Wednesday 12 Jul 2023 at 14:24

Confidence: High confidence for changeable theme. Lower confidence for timing and intensity of potentially impactful bad weather on Friday and over the weekend.

Headline for Thursday 13 Jul 2023: Well broken cloud with just the odd shower.

Mountain weather hazards on Thursday 13 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Light rain showers (night)	Sunny intervals	Cloudy	Light rain showers	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
30%	30%	20%	20%	30%	20%	10%	20%

Forecast for Thursday 13 Jul 2023

Weather: A chance of a few further showers, especially towards the northwest, otherwise an improved day compared to Wednesday, with more in the way of sunshine and shallower, more broken cloud. The sunshine may turn hazier later under advancing high cloud, although the mainly dry theme still applies. Eventually warm in the sunshine, although tempered a little by the breeze.

Chance of cloud-free hill tops above 600m: 60% BECMG 90%

Low cloud and visibility: Broken cloud overnight and in any showers around 500 metres, most above summits by early afternoon with excellent visibility, away from light showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 13 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/23 SW	16/21 SW	16/21 W	18/24 W	16/23 W	14/21 W	14/20 W	11/16 SW	13/18 SW
300	12/18 SW	12/18 SW	11/15 SW	13/19 W	12/19 W	11/17 W	10/15 W	8/13 SW	9/15 SW
Valley	7/16 SW	7/16 SW	7/14 SW	10/18 W	9/18 W	9/18 W	9/17 W	6/14 SW	6/15 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/6	10/7	10/7	12/10	13/10	13/10	12/9	10/7
300	12/10	11/9	12/10	13/11	15/13	16/14	16/14	14/12	12/11
Valley	13/12	12/11	12/11	14/12	16/15	16/15	16/15	14/14	13/12
Freezing Level*	2200m	2100m	2000m	2100m	2100m	2200m	2100m	2300m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 11 Jul 2023	3.8mm	12.8mm	17.2mm

Forecast for Friday 14 Jul 2023

Weather: Skies clearing overnight with all parts dry. After a bright start to the day cloud will quickly thicken as a band of often heavy and perhaps thundery rain reaches the area by late morning. Heavy rain clearing north-eastwards during the evening.

Maximum wind: Southerly 20-25 gust 35-40mph

Chance of cloud-free hill tops above 600m: 80% overnight lowering to 20% through the morning, improving to 50% during the evening.

Low cloud and visibility: Clear with good visibility overnight but broken to overcast layers between 300 and 600 metres arriving from the SW during the morning with poor visibility in heavy rain, cloud lifting a little through the evening with the visibility improving.

Temperature: **Valleys:** Ps 10 BECMG Ps 19 Celsius
At 600m: Ps 09 BECMG Ps 12 Celsius
Freezing level: Well above summits

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